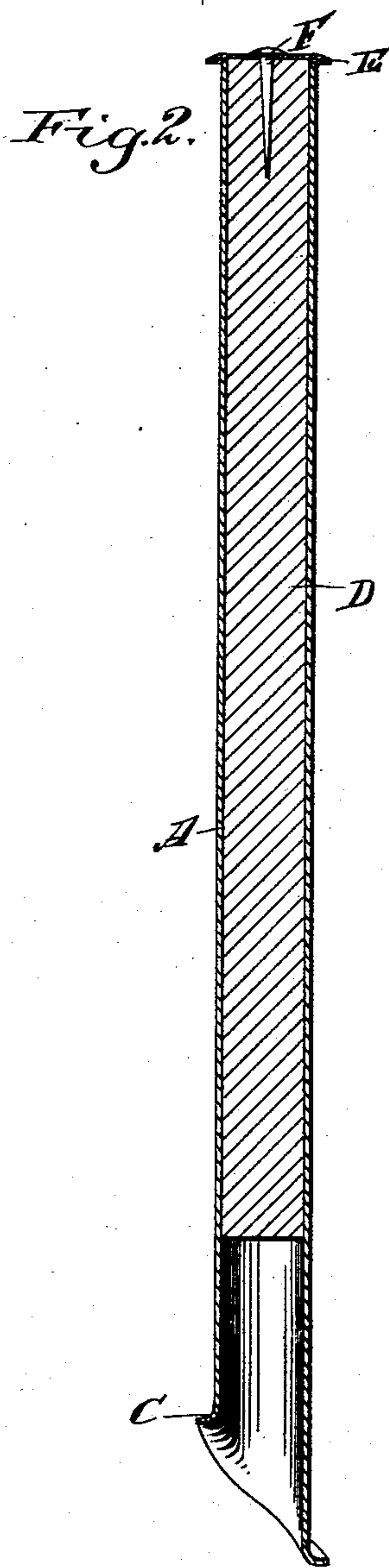
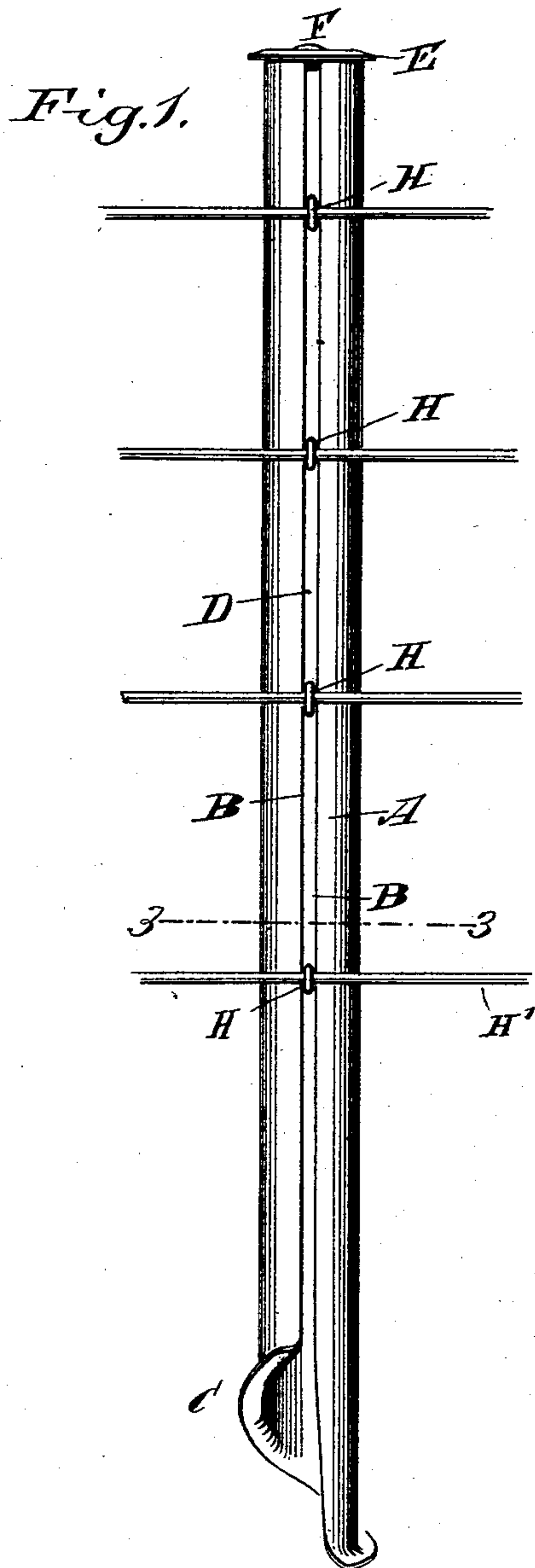


(No Model.)

L. M. BROCK.
FENCE POST.

No. 570,784.

Patented Nov. 3, 1896.



WITNESSES:

L. V. Legendre
H. L. Reynolds.

INVENTOR

L. M. Brock.

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

LEVI M. BROCK, OF MACKINAW, ILLINOIS.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 570,784, dated November 3, 1896.

Application filed September 10, 1896. Serial No. 605,346. (No model.)

To all whom it may concern:

Be it known that I, LEVI M. BROCK, of Mackinaw, in the county of Tazewell and State of Illinois, have invented a new and Improved Fence-Post, of which the following is a full, clear, and exact description.

My invention relates to an improvement in posts for fences and all purposes where such articles are usually used. It consists, essentially, of a tube formed from a sheet of metal and longitudinally slitted on one side. The lower end of this has a spiral flange turned from the metal body and acting as a screw. A wooden core is inserted within this tube and reaches from the top to about the ground-level.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is an elevation of the device. Fig. 2 is a longitudinal section thereof, and Fig. 3 is a cross-section on the line 3 3 in Fig. 1.

The object of my invention is to produce a metallic post which may be cheap in manufacture, readily inserted in the ground, and when inserted will be securely held, and one to which wires, hinges, or any other device may be readily attached.

In forming this post I take a sheet of metal, preferably iron or steel, and cut one end thereof slanting. It is then rolled or shaped into a tube, the edges of the sheet being made to butt one against the other. The slanting cut is flanged outwardly so as to form a spiral or screw, as shown at C.

The metal tube is indicated at A, and the two edges which butt against each other are shown at B. A wooden core D is inserted in this tube and extends from the upper end to a point about equal to the level of the ground when the post is in position. This core will be made of such a size that it will slightly spread the edges of the tube, leaving an open tube where the wood is exposed. This is clearly shown in Figs. 1 and 3. To protect the upper end of the post, a cap E is placed

over the same and secured thereto by a pin or nail F.

In using the post it is inserted into the ground by rotating it by means of a pipe-wrench or any other suitable tool. The screw-flange C will engage with the earth and the post will sink quite readily. The wooden core, stopping short of the lower end and not extending below where the ground-level is to be, will make it unnecessary to displace the earth which is within the tube, and in consequence of this the post will sink into the ground much more readily than if the core extended clear to the bottom. It will also disturb the ground less than it would otherwise and consequently leave the post firmer than otherwise. Moreover, there is no necessity for having the wooden core extend below the ground.

The wires H' are attached to the post by means of staples, as shown at H. Boards may be attached in the same way by nailing between the edges of the iron tube into the wooden core, and in the same way hinges may be fastened by screws.

The metal tube may be made of galvanized iron or coated by any preservative substance, so that it will not rust, but will last a long time. The central wooden core being entirely inclosed and protected from the weather will not rot quickly. The flange C about the lower end of the post might be made detachable from the post, if desired, but I prefer to make it in the manner described, being turned up from the metal of the post itself. This post, it will be seen, is of such a structure that it will be cheap in manufacture, and yet durable. It may also be very quickly set or removed.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A post formed of a sheet of metal shaped as a tube, and having an outwardly-turned spiral flange integral therewith formed upon one end, substantially as described.

2. A post formed of a sheet of metal shaped

as a tube, and having an outwardly-projecting spiral flange upon the lower end thereof, and a wood core extending from the upper end to about the ground-level, substantially as described.

3. A post formed of a sheet of metal shaped as a tube, and having an outwardly-projecting spiral flange formed integral therewith upon its lower end, in combination with a

wooden core extending from the upper end to the ground-level only, and a cap fixed to and covering its upper end, substantially as described.

LEVI M. BROCK.

Witnesses:

HARRY L. PHILLIPS,
WILLIAM L. MAY.